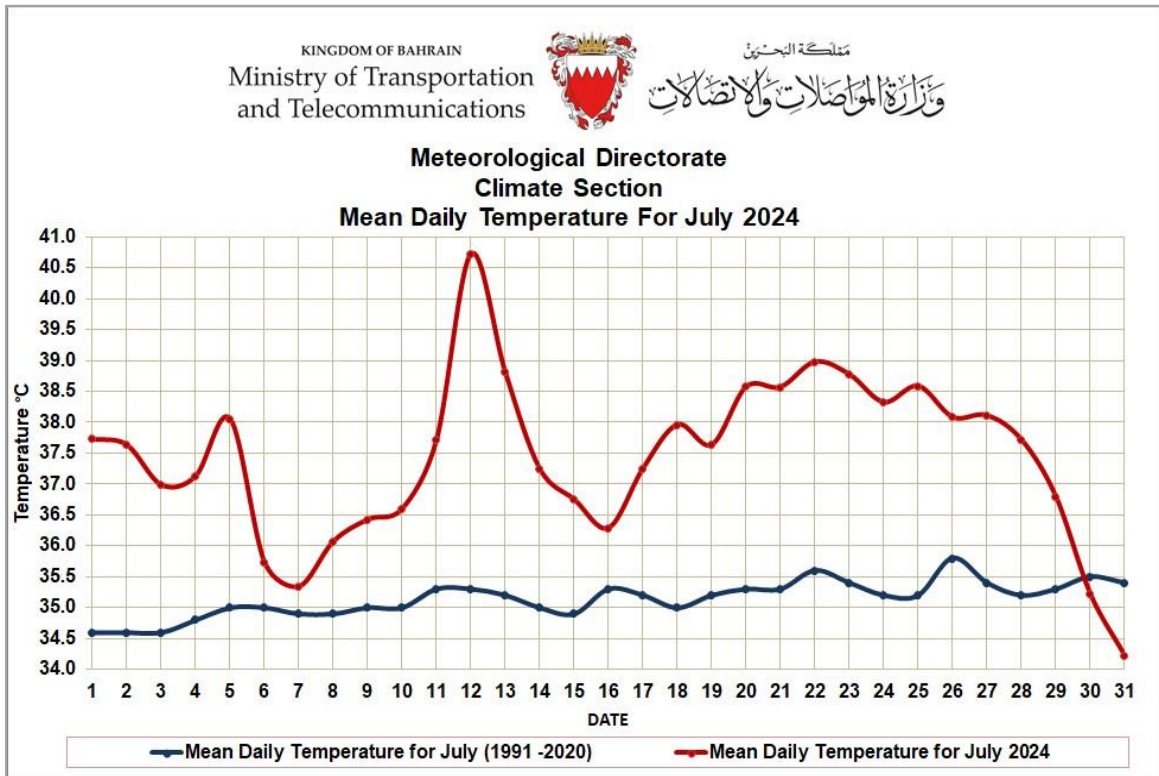




**Meteorological Directorate
Climate Section**

Monthly Weather Summary – July 2024

July 2024 goes on record as the hottest July ever experienced in Bahrain since 1902.



The mean temperature of the month was 37.4°C which is 2.3°C above the long-term normal for July and this goes on record as the highest mean temperature for July since 1902. The old record for July was 36.9°C, which was recorded in 2020 and 2017.

The mean maximum temperature of the month was 41.3°C which is 1.6°C above long-term normal and this goes on record as the fourth highest mean maximum temperature for July since 1946. This is the same as in July 2000. Note that the highest mean monthly maximum temperature for July was 42.1°C recorded in 2017.



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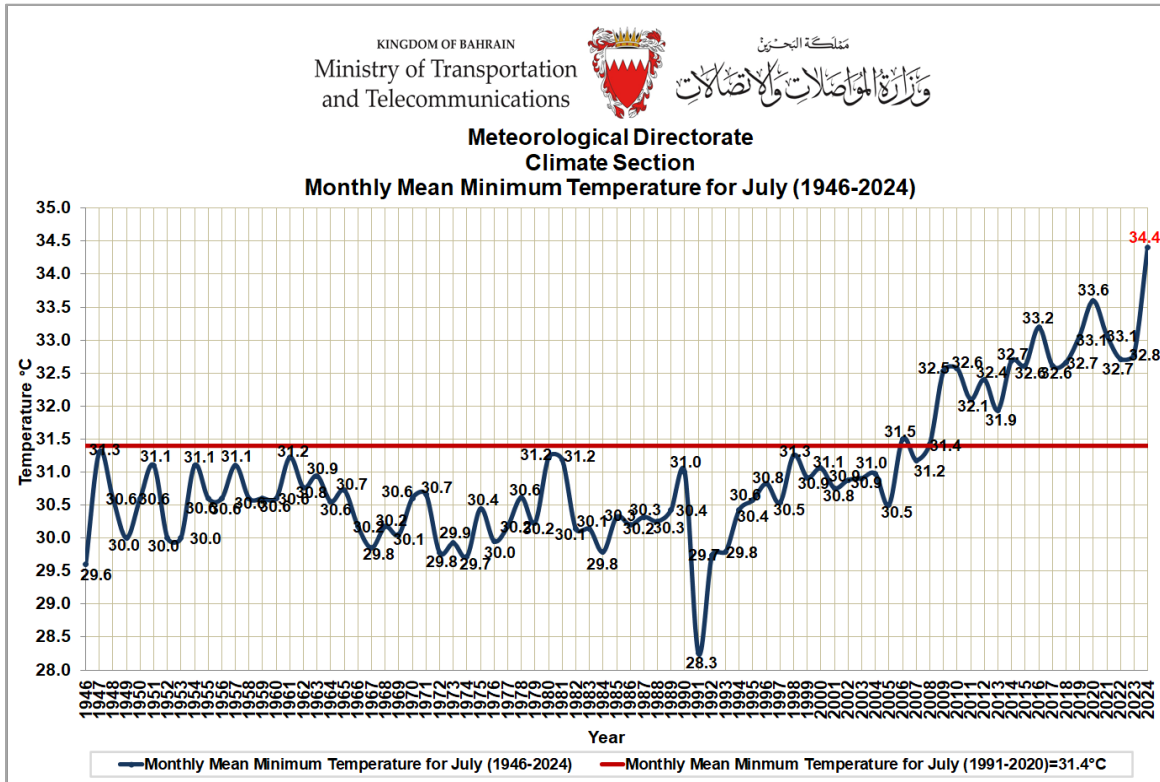
During the month Bahrain had 26 days with maximum temperature exceeding 40°C. This goes on record as the highest number of days with maximum temperature exceeding 40°C for July since 1946. The old record was 23 days in July 2020.

The highest temperature recorded during the month was 47.1°C which occurred on the 12th July at Bahrain International Airport and this goes on record as the second highest temperature for July since 1946 at Bahrain International Airport. Note that the highest temperature recorded for July at Bahrain International Airport was 47.4°C which occurred on 13th July 2010 and 15th July 2000.

The highest temperature recorded in the month at Bahrain International Circuit was 50.1°C which was recorded on the 12th July and the same day, it was recorded 48.8°C at the University of Bahrain and 48.0°C at Durrat Al Bahrain.

The mean minimum temperature of the month was 34.4°C which is 3.0°C above the long-term normal and this goes on record as the highest mean minimum temperature for July since 1946. The old record for July was 33.6°C recorded in 2020.

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The lowest temperature recorded was 31.9°C on 30th July at Bahrain International Airport but was recorded 28.3°C on the 16th July at Durrat Al Bahrain.

The mean relative humidity for July was 41% whereas the mean maximum relative humidity was 59% and the mean minimum relative humidity was 26%. The maximum relative humidity was 86% recorded on the 31st July and the minimum relative humidity was 9% recorded on 12th July.